

*California Department of Transportation  
Division of Maintenance*

***Structure Maintenance and Investigations***

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**B**<sub>RIDGE</sub>

**I**<sub>NSPECTION</sub>

**R**<sub>ECORDS</sub>

**I**<sub>NFORMATION</sub>

**S**<sub>YSTEM</sub>

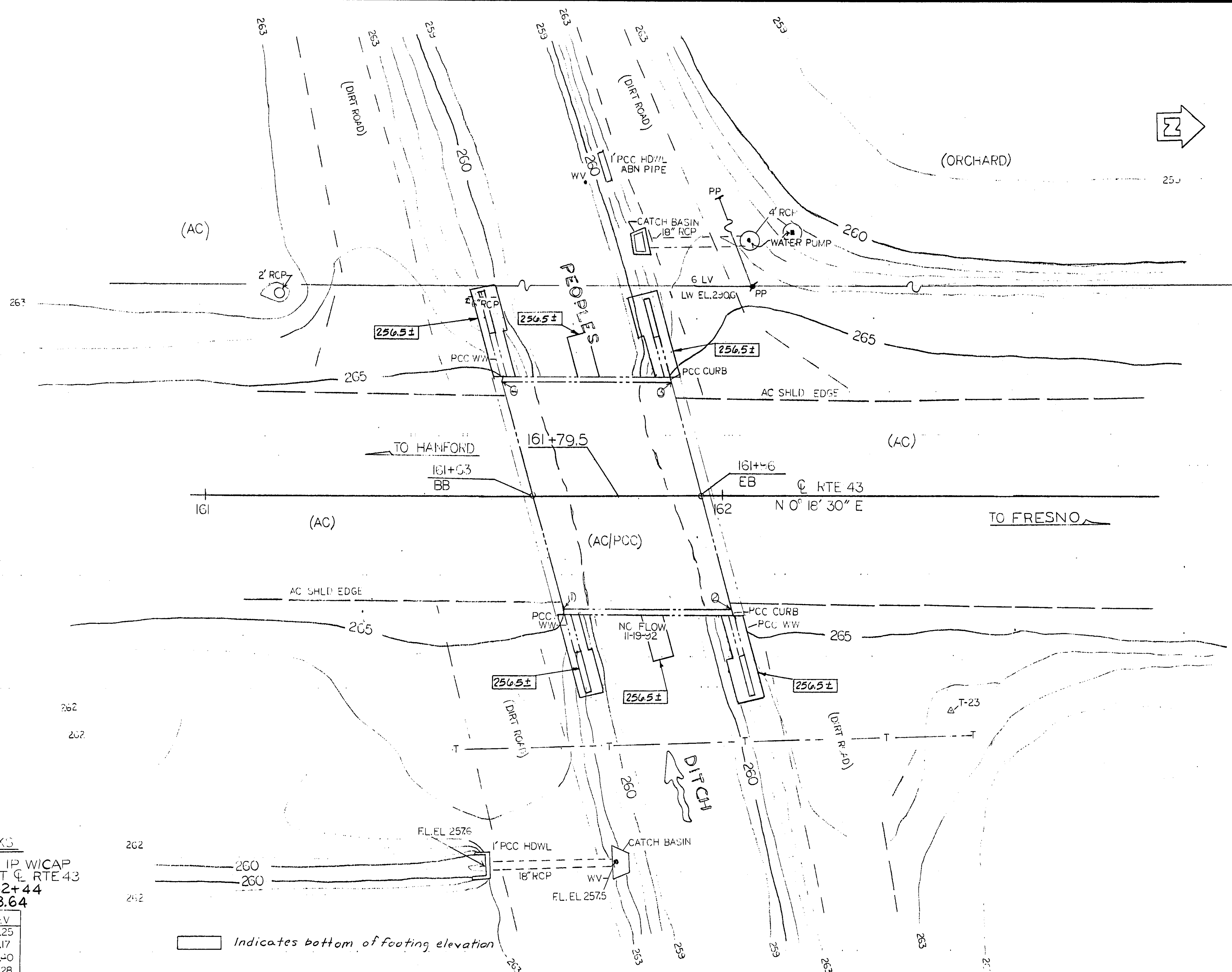
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	43	23.5,26.8	23	29
REGISTERED ENGINEER-CIVIL			D.T. Adams No. 46476 Exp. 6-30-95 CIVIL STATE OF CALIFORNIA		
11-8-93			PLANS APPROVAL DATE		



**BENCHMARKS**

T-23	FND 1" IP W/CAP	42.5' RT Q RTE 43	STA 162+44	EL 263.64
1	RT BB	265.25		
2	RT-B	265.17		
3	LIEB	265.40		
4	LT BB	265.28		

NO CORRECTIONS THIS SHEET  
ML Graves 10/96  
**AS BUILT**  
CORRECTIONS BY D. Vallejos  
CONTRACT NO. 06-312604  
DATE 6/95

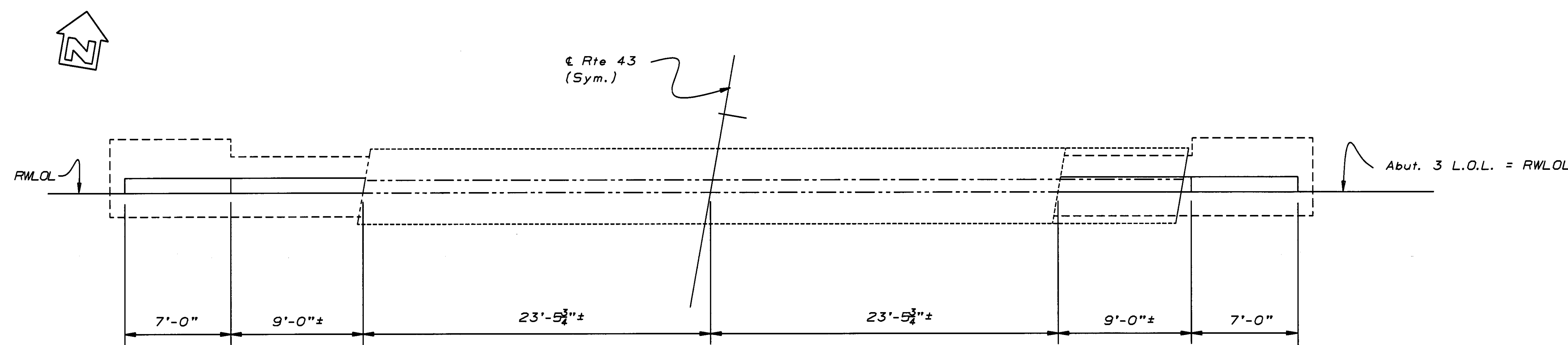
PRELIMINARY INVESTIGATION SECTION				DESIGN	BY Helen Pan 1-93	CHECKED Dan Adams 1-93	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN	BRIDGE NO.	PEOPLES DITCH BRIDGE	
SCALE 1"=10'	DATUM D.T.H.T	PHOTOGRAMMETRY AS OF	DRAWN BY SRS 12/92	DETAILS BY Marvin Lane 1-93	CHECKED Helen Pan 1-93	45-61			FOUNDATION PLAN		
ALIGNMENT TIES PR-3501-1	FIELD CHECKED BY RG 11/92	TRACED BY SRS 12/92	CHECKED BY SRS 1/93	QUANTITIES BY Don Stegman 4-93	CHECKED Dan Adams 4-93	POST MILE 23.5					
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 2 3			CU 06202 EA 312601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 2	OF 8

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	43	23.5, 26.8	25	29

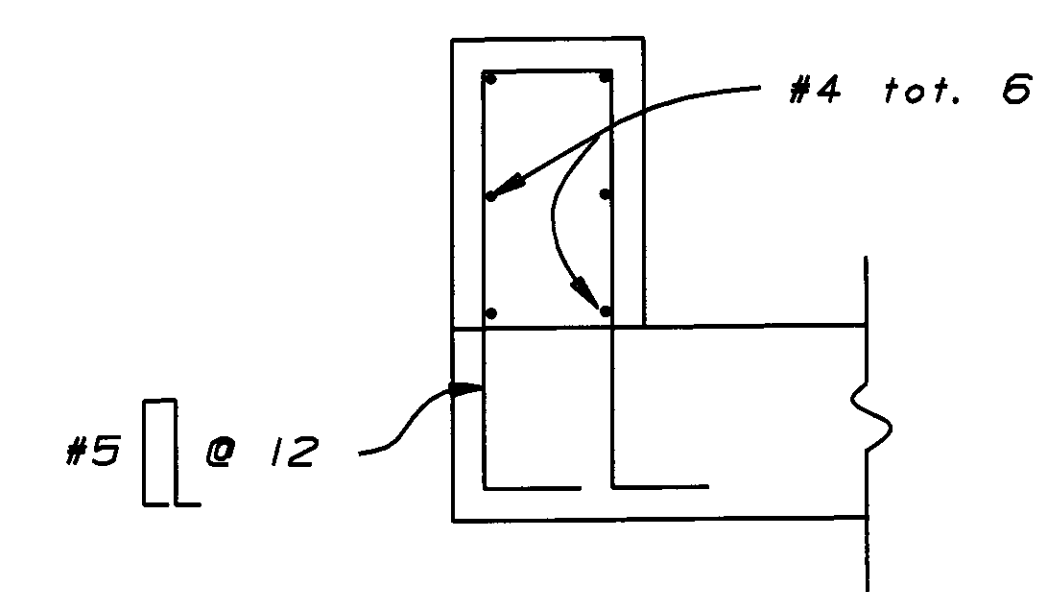
*David Adams*  
REGISTERED ENGINEER - CIVIL

REGISTERED PROFESSIONAL ENGINEER  
D.T. Adams  
No. 46476  
Exp. 6-30-95  
CIVIL  
STATE OF CALIFORNIA

11-8-93  
PLANS APPROVAL DATE

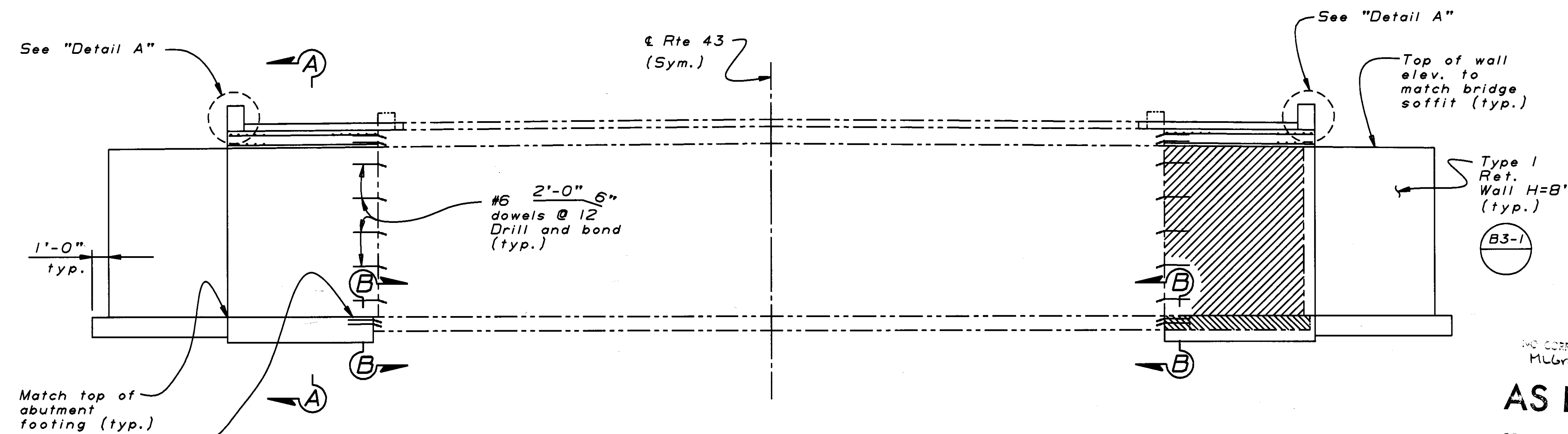


**PLAN**  
1/4" = 1'-0"

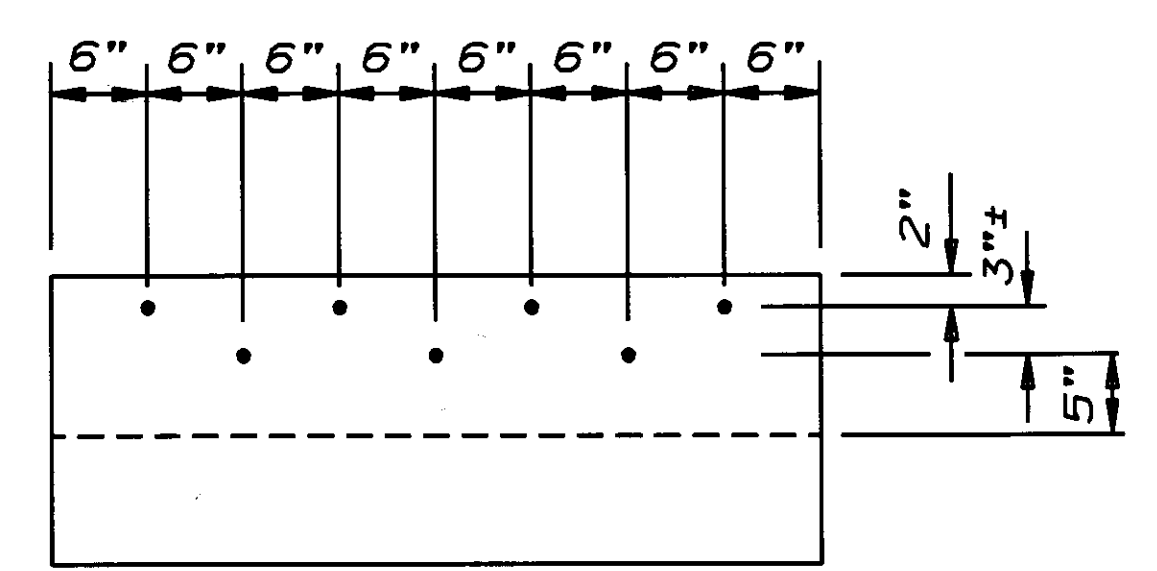


**DETAIL A**  
1" = 1'-0"

- Indicates wingwall removal
- Indicates footing removal



**ELEVATION**  
1/4" = 1'-0"



**SECTION B-B**  
1" = 1'-0"

NOTE:  
THE CONTRACTOR SHALL VERIFY ALL  
CONTROLLING FIELD DIMENSIONS  
BEFORE ORDERING OR FABRICATING  
ANY MATERIAL.

NO CORRECTIONS THIS SHEET  
MLGraves 10/96  
**AS BUILT**  
CORRECTIONS BY D. Vallejos  
CONTRACT NO. 06-312604  
DATE 6/95

Note: For "Section A-A" and see  
"Abutment 1 Details" sheet.

			DESIGN	BY Helen Pan	3-93	CHECKED Don Adams	3-93	STATE OF <b>CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN <b>4</b>	BRIDGE NO.	PEOPLES DITCH BRIDGE (WIDEN)																			
			DETAILS	BY Marvin Lane	3-93	CHECKED Helen Pan	3-93			45-61	ABUTMENT 3 DETAILS																			
			QUANTITIES	BY Don Stegman	4-93	CHECKED Don Adams	4-93			POST MILE													23.5							
DS 050 2139 (CADD 4/99)			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0 1 2 3			CU 06202 EA 312601			DISREGARD PRINTS BEARING EARLIER REVISION DATES →			REVISION DATES (PRELIMINARY STAGE ONLY)												SHEET	OF
																	3-9-93 7-8-93												4	8



DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	43	23.5,26.8	24	29

REGISTERED ENGINEER - CIVIL

D.T. Adams

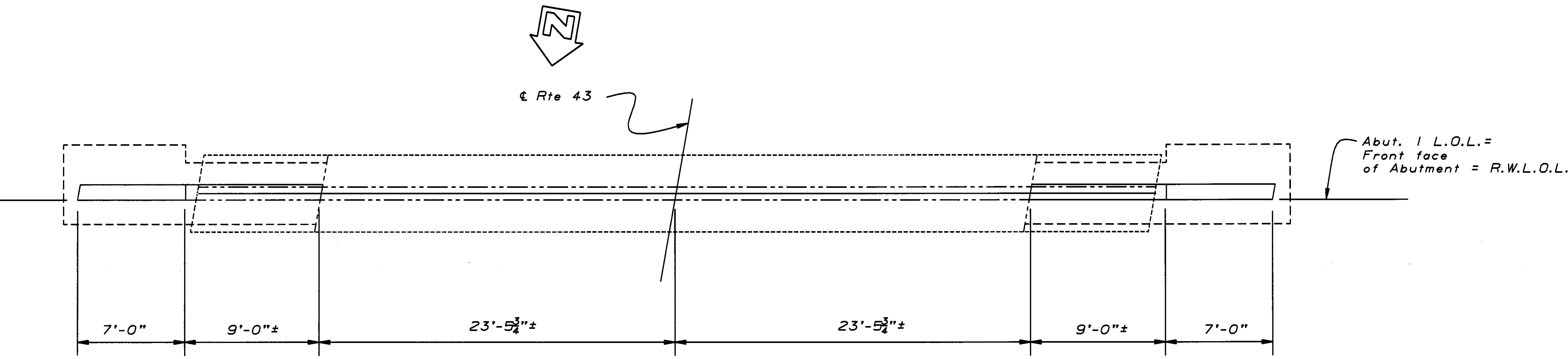
No. 46476

Exp. 6-30-95

CIVIL

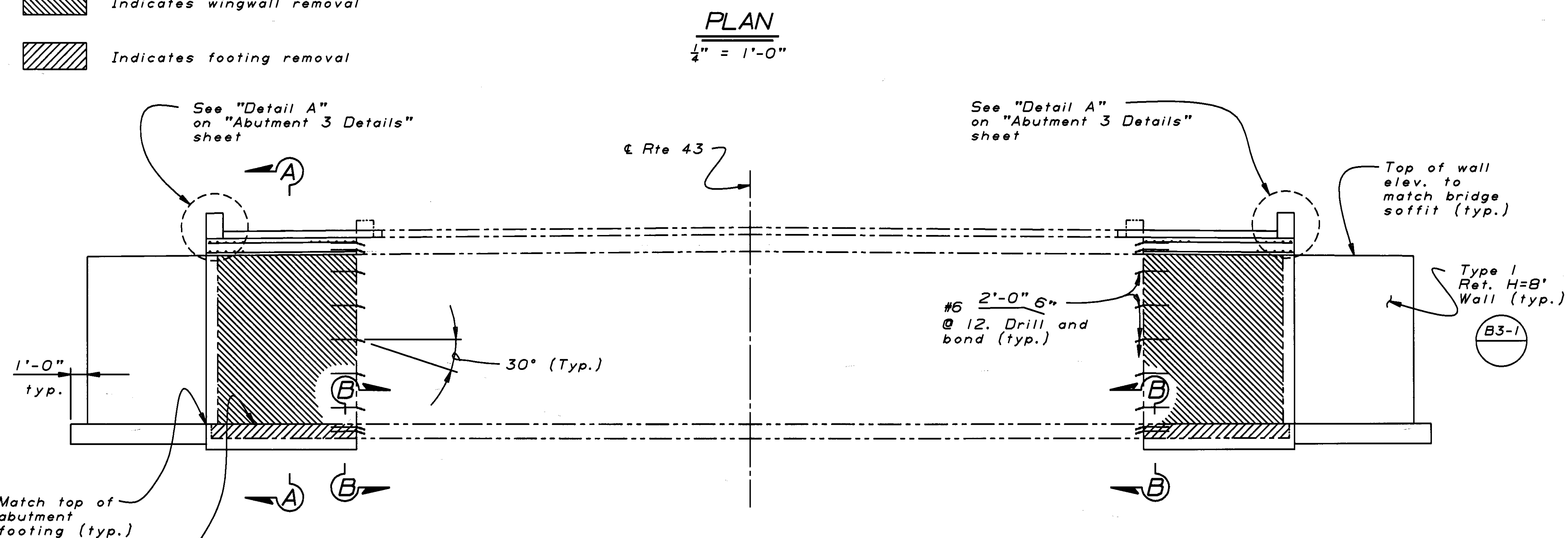
11-8-93

PLANS APPROVAL DATE



Indicates wingwall removal

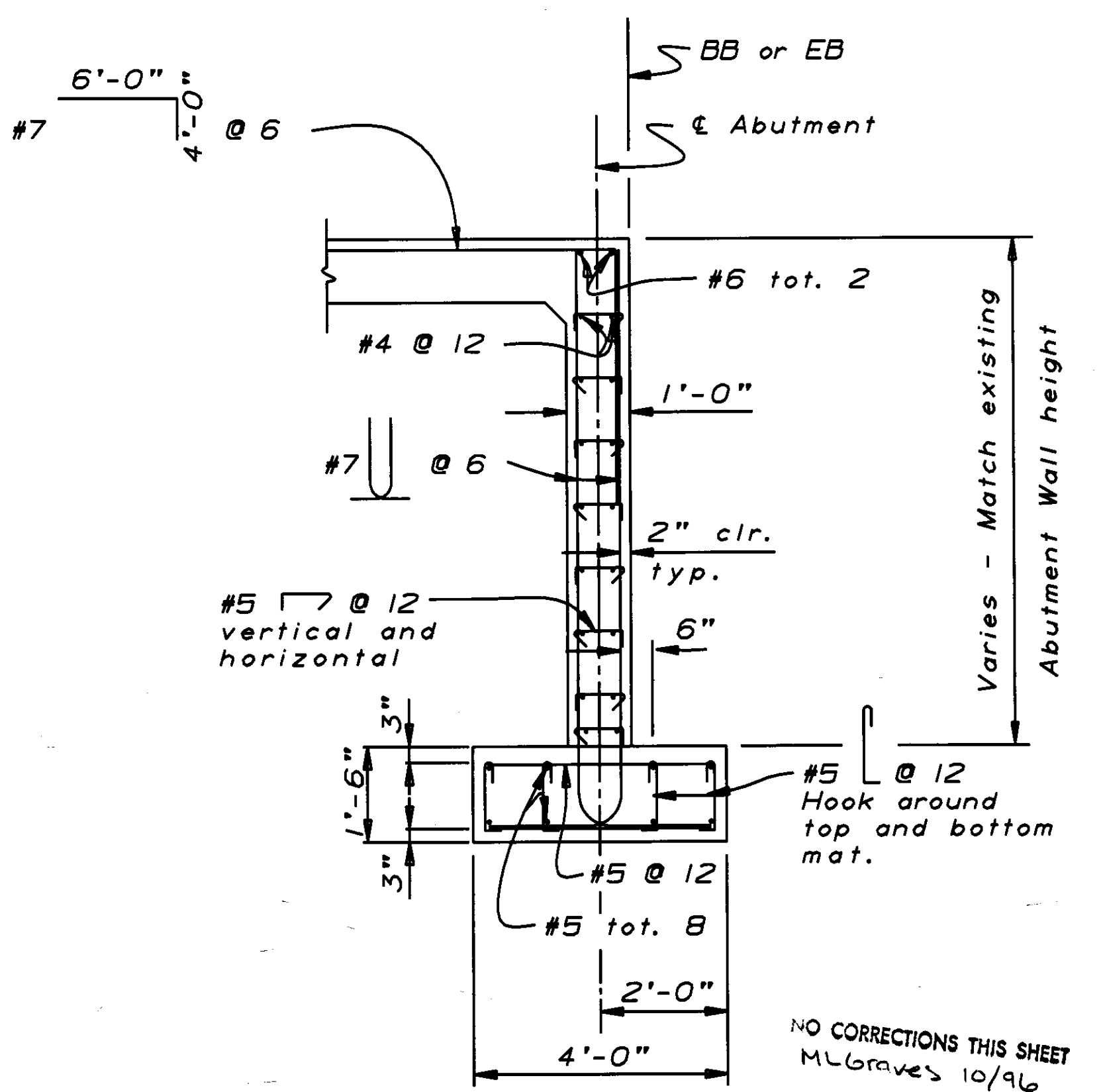
Indicates footing removal



ELEVATION

1/2" = 1'-0"

For "Section B-B" see "Abutment 3 Details" sheet.



AS BUILT

CORRECTIONS BY D. Vallejos

CONTRACT NO. 06-312604

DATE 6/93

SECTION A-A

1/2" = 1'-0"

	DESIGN	BY Helen Pan	3-93	CHECKED Dan Adams	3-93	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 4	BRIDGE NO.	PEOPLES DITCH BRIDGE (WIDEN)												
	DETAILS	BY Marvin Lane	3-93	CHECKED Helen Pan	3-93			45-61													
	QUANTITIES	BY Don Stegman	4-93	CHECKED Dan Adams	4-93			POST MILE	ABUTMENT 1 DETAILS												
								23.5													
DS OSD 2139 (CADD 4/89)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		CU 06202 EA 312601		DISREGARD PRINTS BEARING EARLIER REVISION DATES →											
						0 1 2 3				REVISION DATES (PRELIMINARY STAGE ONLY)										SHEET	OF
										3-93 4-27-93 7-9-93 7-14-93										3	8



DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	43	23.5,26.8	28	29

David J. Adams  
REGISTERED ENGINEER - CIVIL

REGISTERED PROFESSIONAL ENGINEER

D. T. ADAMS

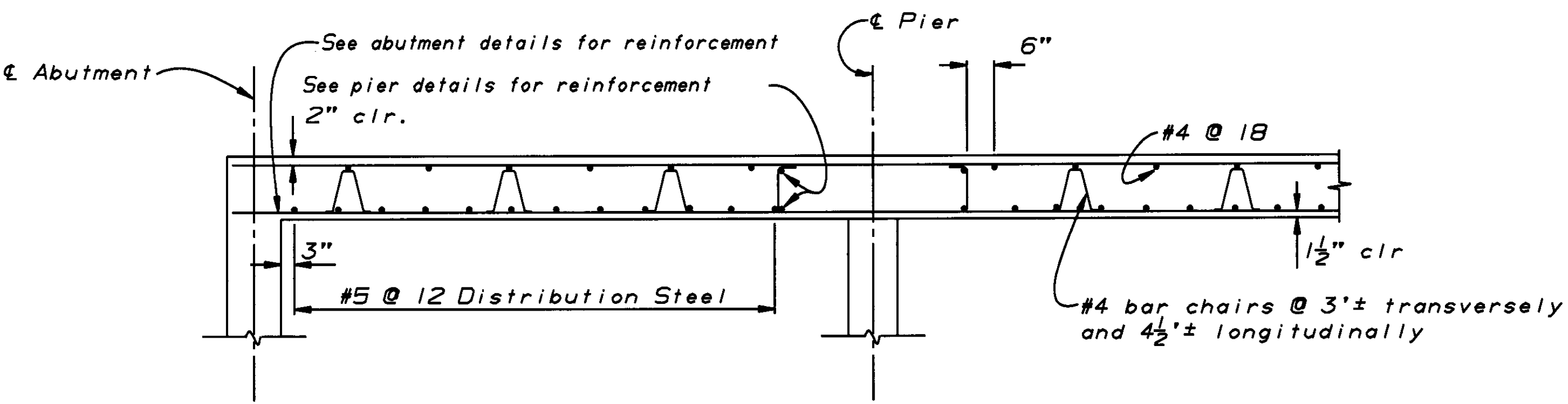
No. 46476

Exp. 6-30-95

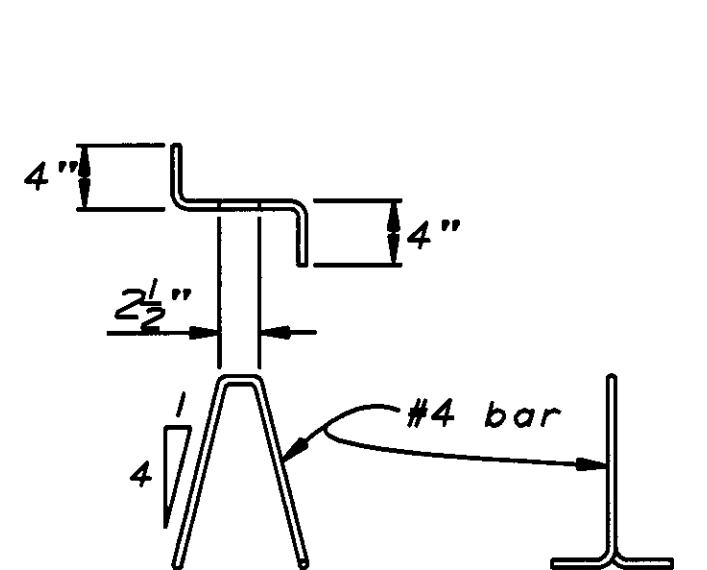
CIVIL

STATE OF CALIFORNIA

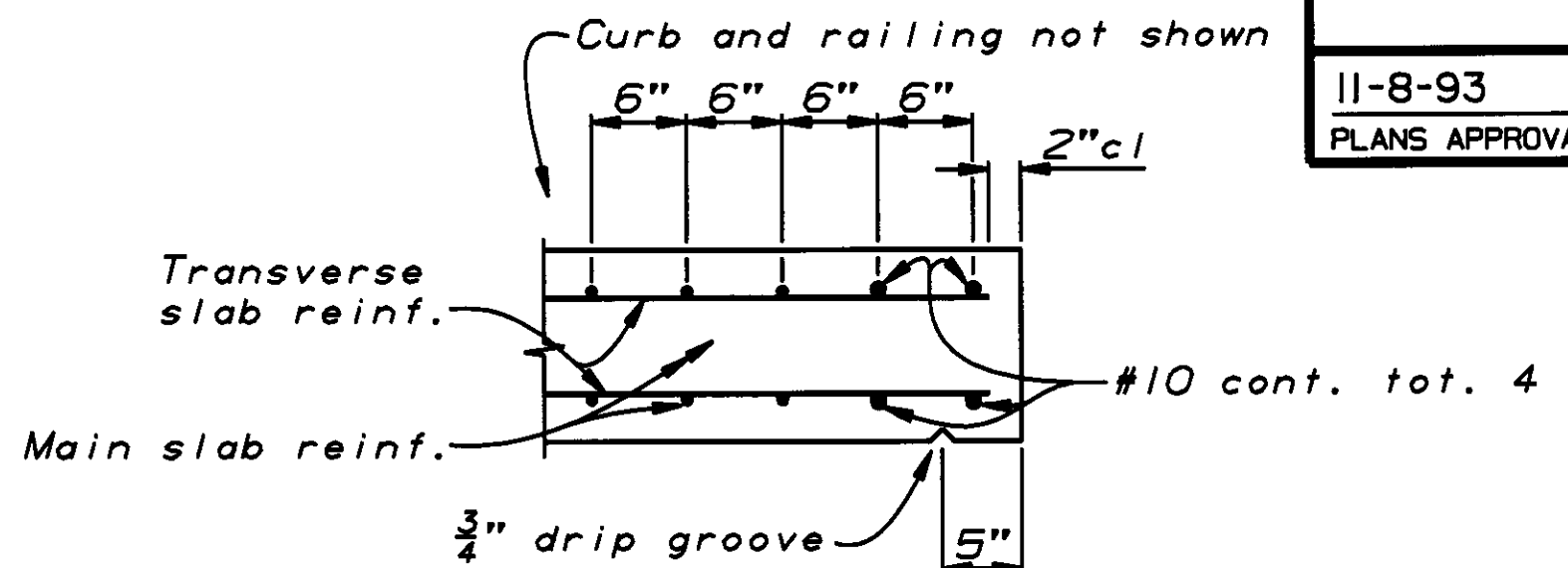
11-8-93  
PLANS APPROVAL DATE



LONGITUDINAL SECTION ①



BAR CHAIR DETAIL

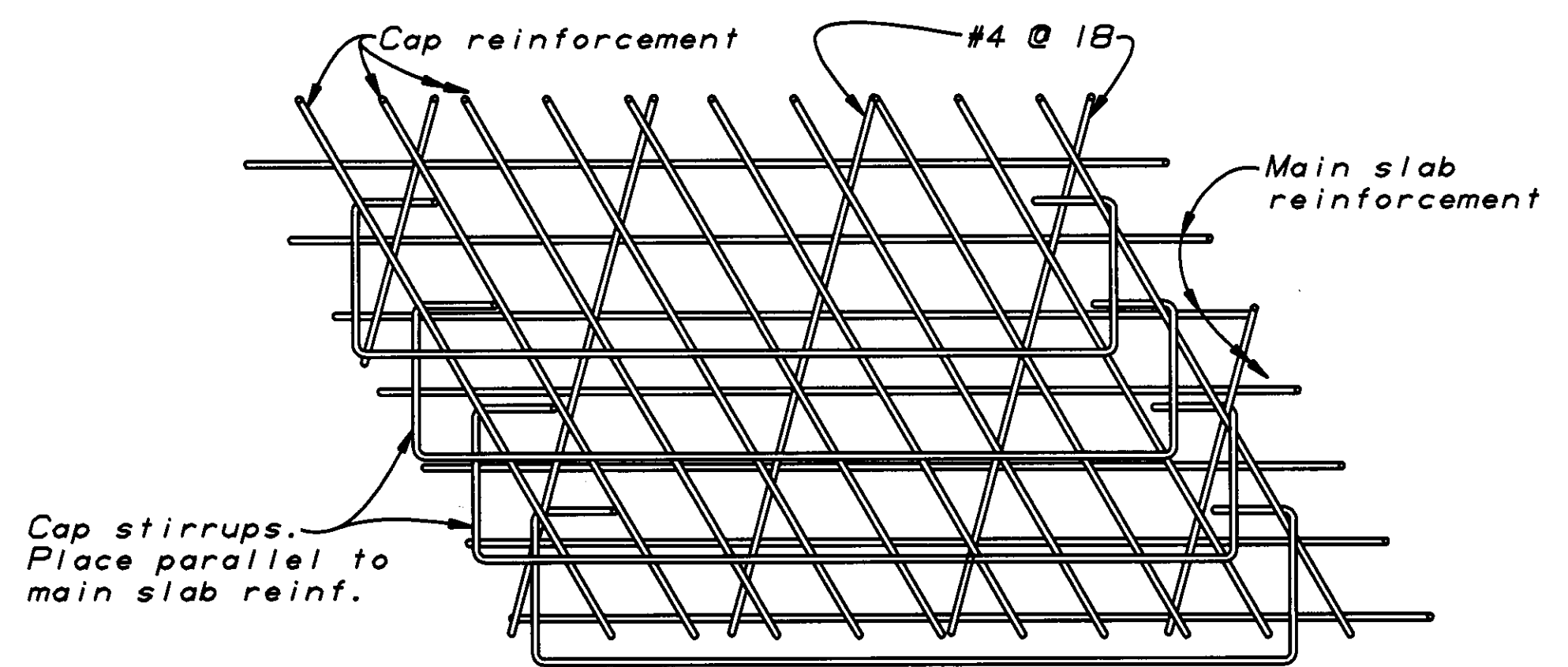


EDGE OF SLAB DETAILS

BAR SPLICE LENGTH								
Bar Size	#4	#5	#6	#7	#8	#9	#10	#11
All bars, except top bars in spans over 24'	23"	28"	34"	39"	45"	68"	76"	85"
Top bars in spans over 24'	23"	28"	34"	53"	60"	77"	97"	120"

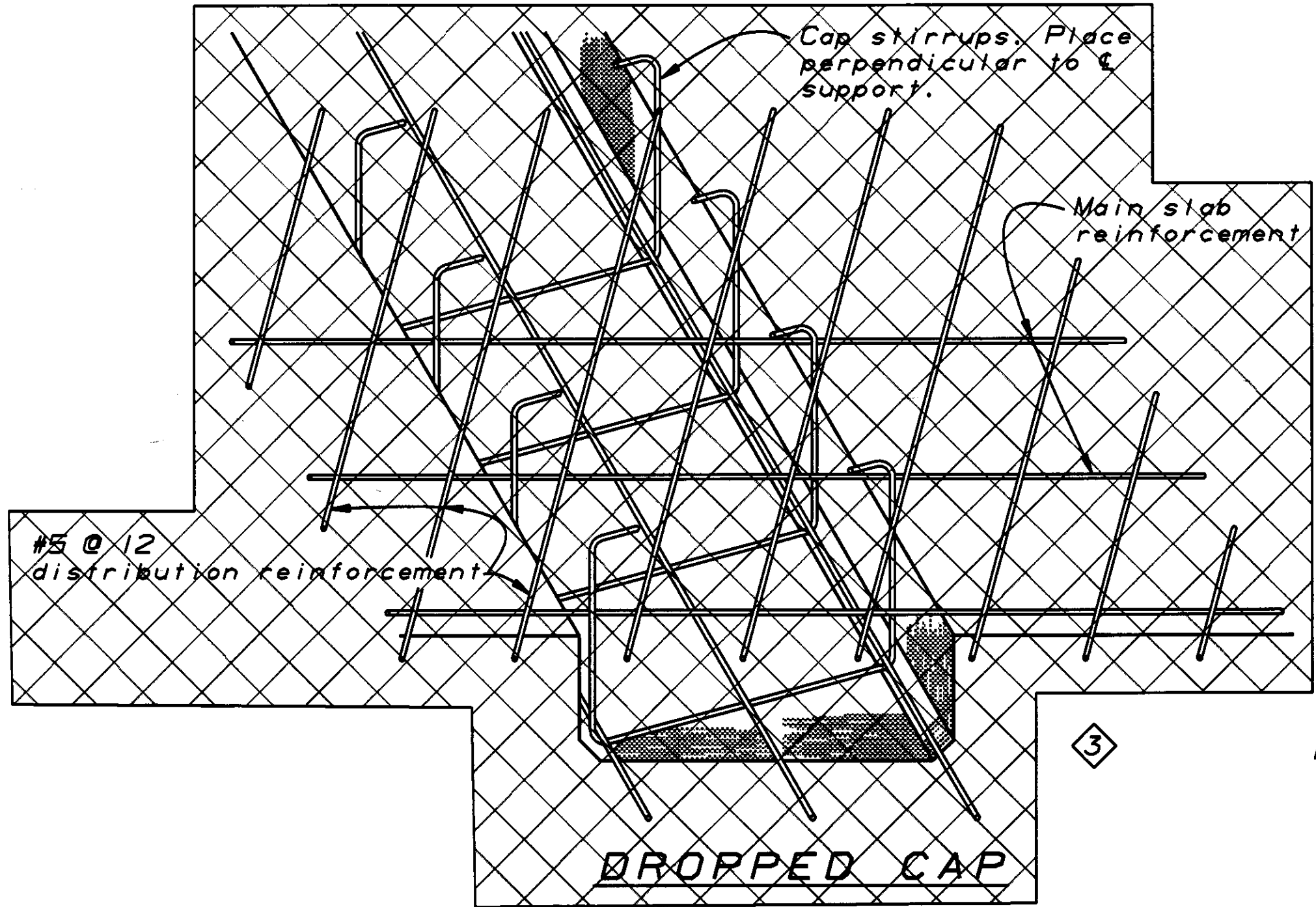
REINFORCEMENT NOTES:

Splices in top main bars to be located near center of span.  
Splices in bottom main bars to be located near bent.  
Spacing of all transverse bars is measured along & roadway.  
Skew 0° to 20° : Place all transverse bars parallel to bent.  
Skew over 20° : Place transverse slab bars perpendicular to & bridge. See details at right and below.

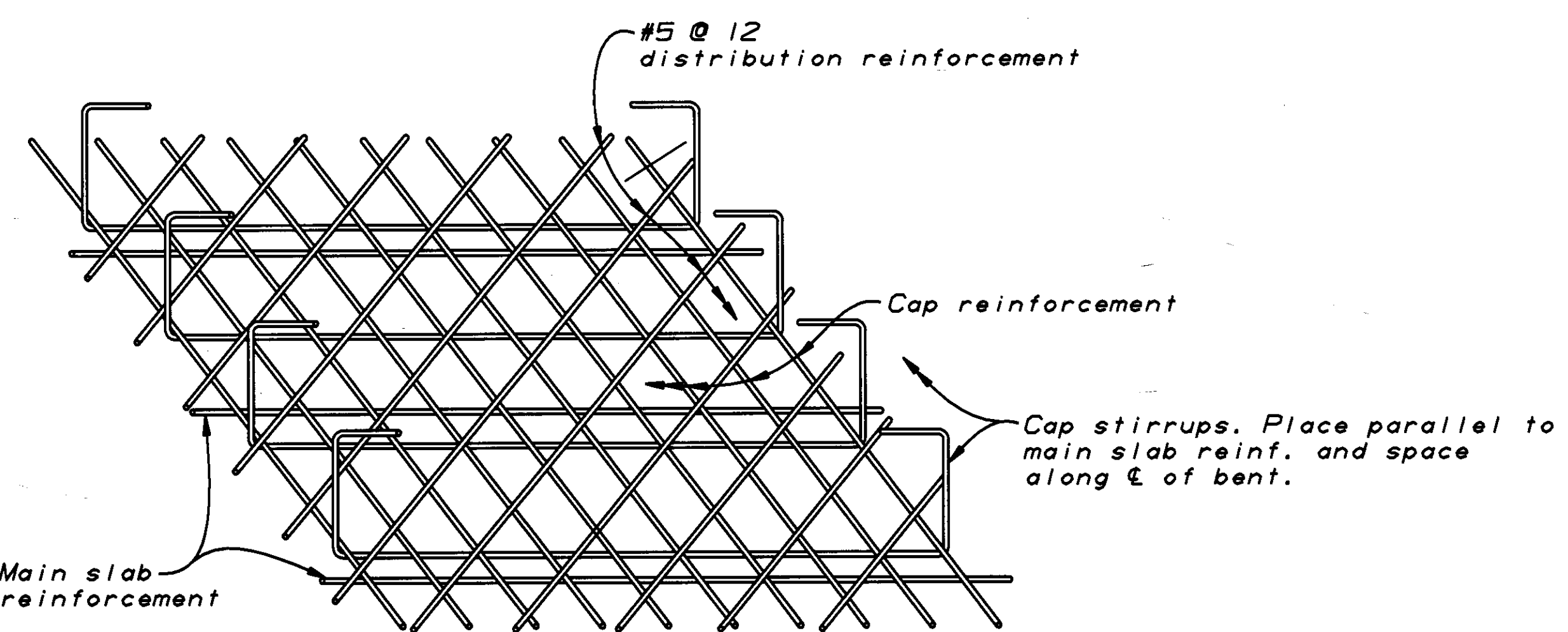


Note: View for main span over 24'.  
Bar placement similar for spans under 24'.

TOP SLAB REINFORCEMENT AT PIER ②



DROPPED CAP



FLUSH CAP

BOTTOM SLAB REINFORCEMENT AT BENT

GENERAL NOTES  
LOAD FACTOR DESIGN

DESIGN: BRIDGE DESIGN SPECIFICATIONS  
(1983 AASHTO with Interims and Revisions by CALTRANS)  
DEAD LOAD: Includes 35 psf for future wearing surface.  
LIVE LOADING: HS20-44 and alternative and permit design load.  
REINFORCED CONCRETE:  $f_y = 60,000$  psi  
 $f'_c = 3,250$  psi  
 $n = 9$

FOOTING PRESSURE (TONS P.S.F.)	ALLOWABLE	DESIGN
④	2.0	2.0

NO CORRECTIONS THIS SHEET  
M. Graves, 10/46

AS BUILT

CORRECTIONS BY D. Vallejos  
CONTRACT NO. 06-312604  
DATE 6/95

STANDARD DRAWING				
FILE NO. XS 12-55	DESIGN BY L. Y. Lee	CHECKED T. Farnan	APPROVAL RECOMMENDED BY	
DESIGN DATE Revised	DETAILS BY Donna Collins	CHECKED T. Farnan	DESIGN SUPERVISOR	
SUBMITTED BY R. S. Watanabe				

- ① Modified Detail
- ② Changed Title
- ③ Deleted detail
- ④ Added note

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES  
STRUCTURE DESIGN

BRIDGE NO.
45-61
POST MILE
23.5

PEOPLES DITCH BRIDGE (WIDEN)

SLAB REINFORCEMENT DETAILS



DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	43	23.5,26.8	27	29

*David J. Adams*  
REGISTERED ENGINEER - CIVIL

11-8-93  
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

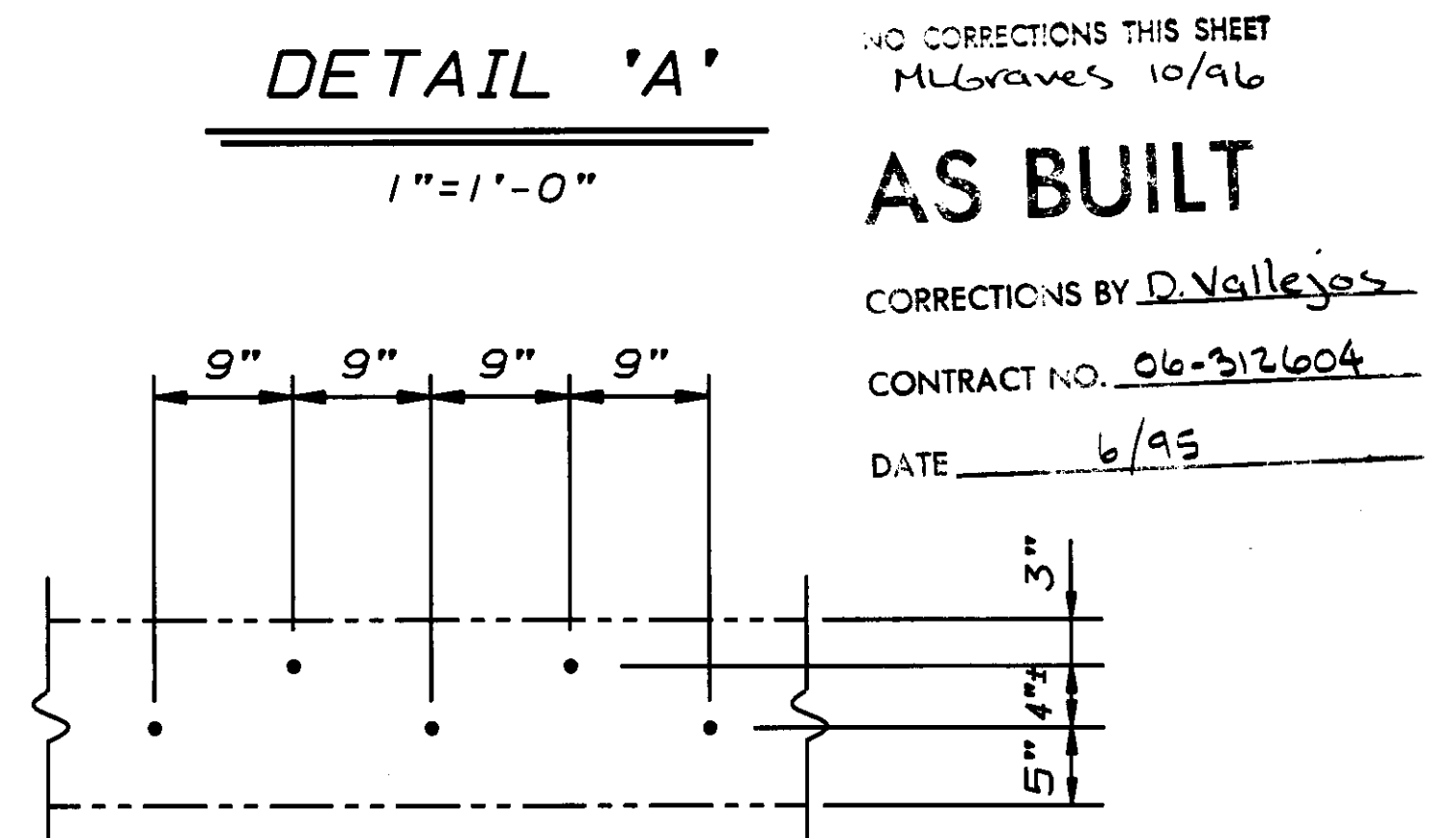
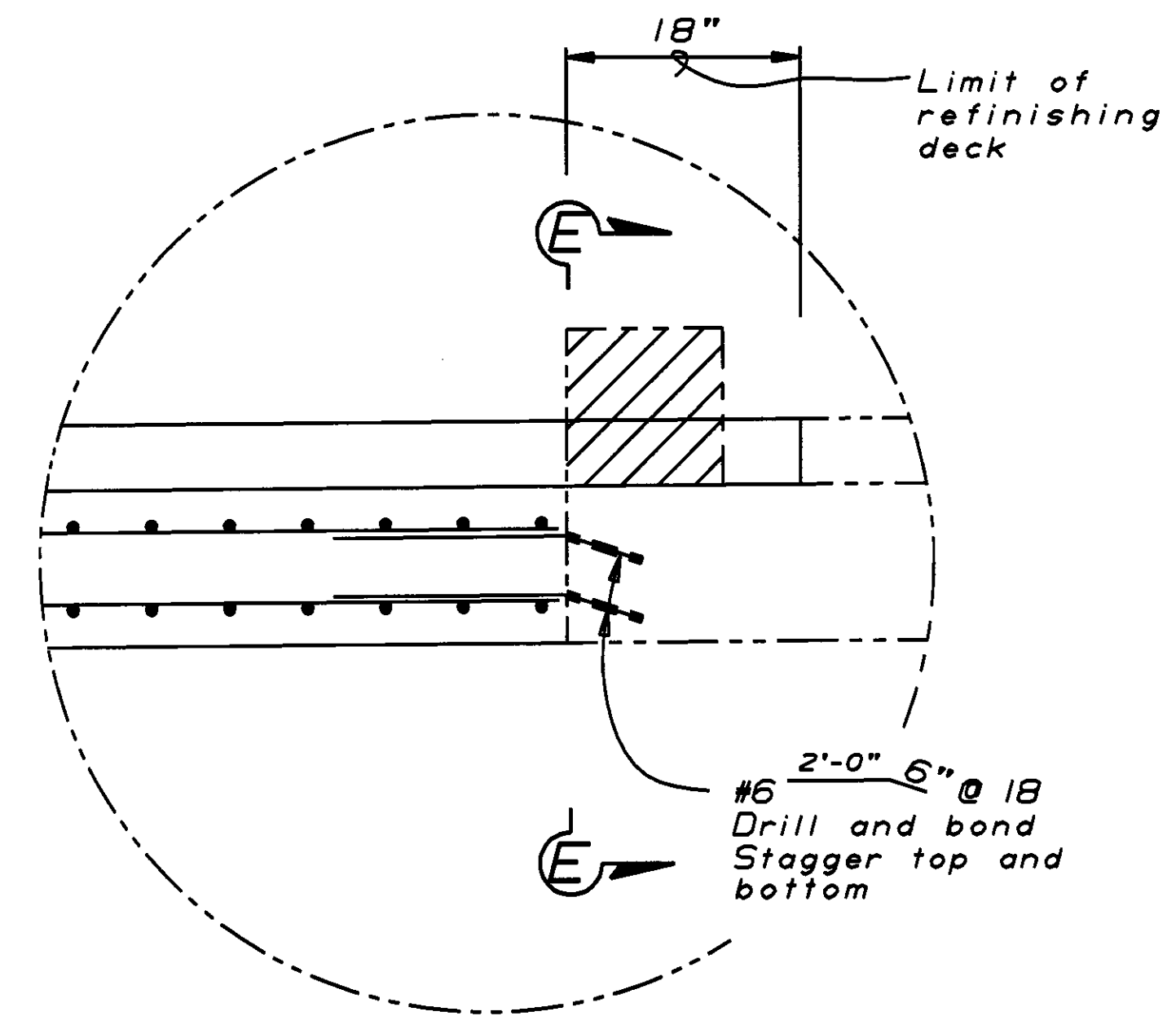
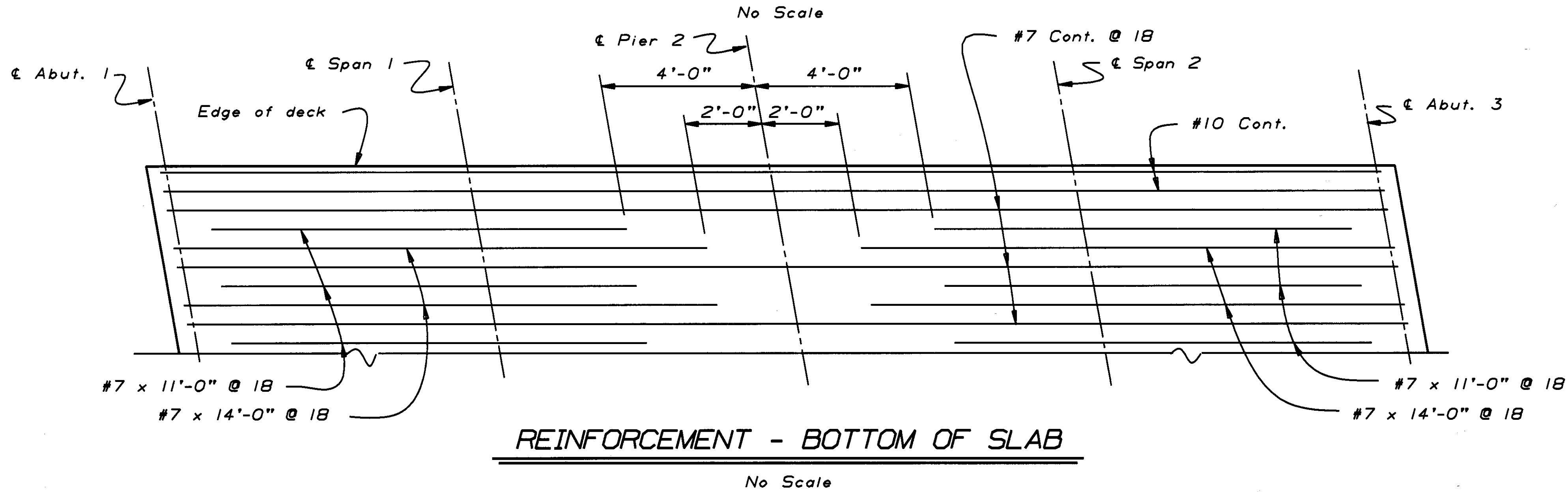
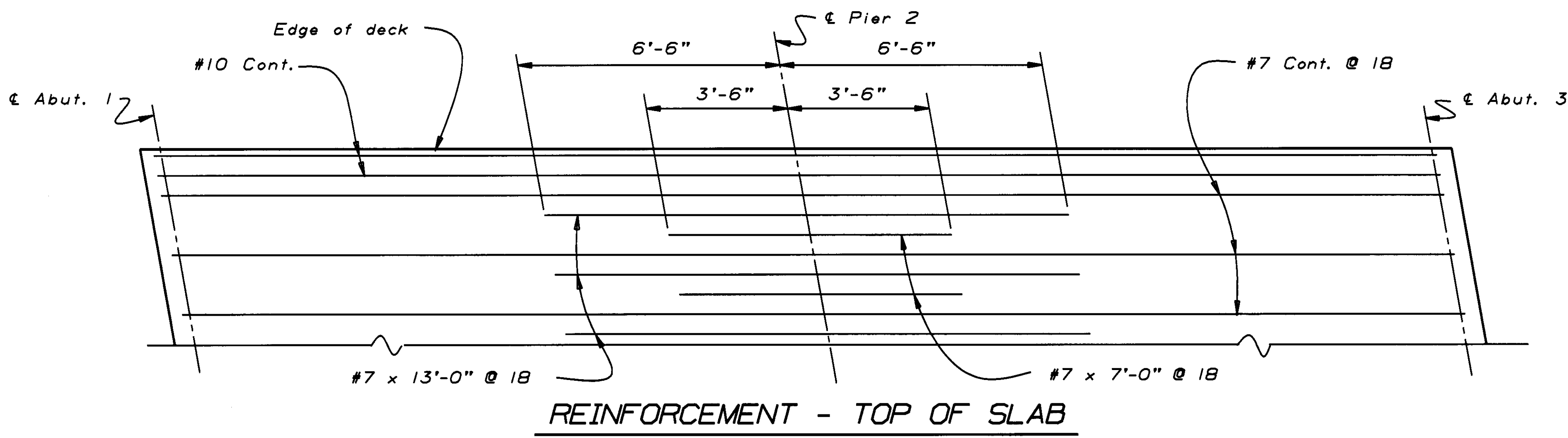
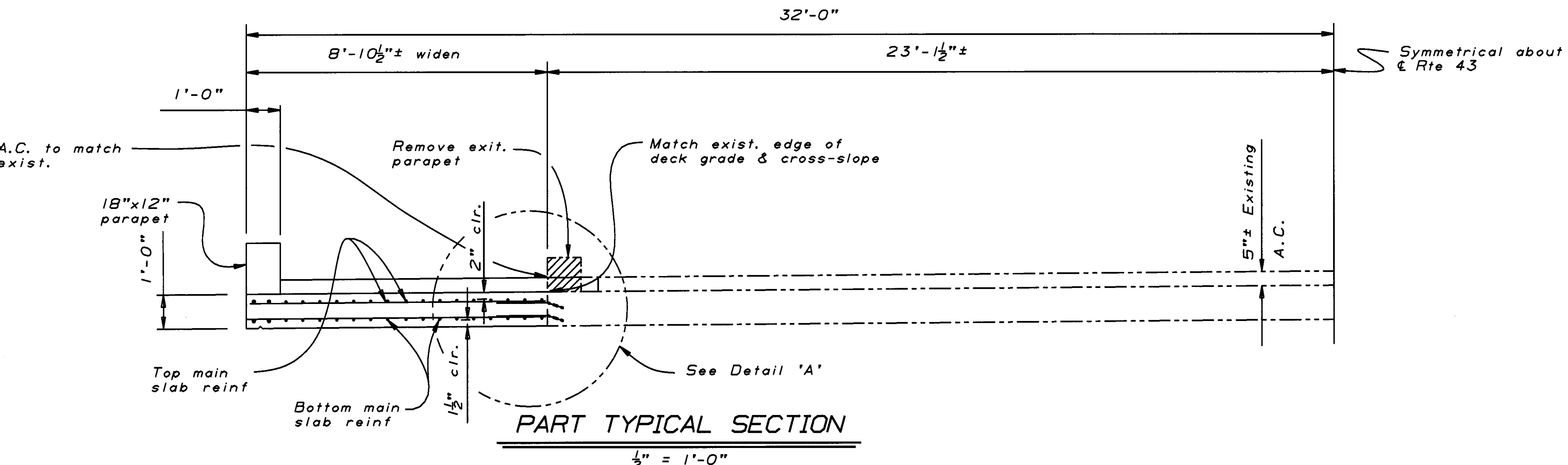
D.T. Adams

No. 46476

Exp. 6-30-95

CIVIL

STATE OF CALIFORNIA



NOTE:  
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN				BY Helen Pan 3-93				CHECKED Dan Adams 3-93			
DETAILS				BY Marvin Lane 3-93				CHECKED Helen Pan 3-93			
QUANTITIES				BY Don Stegman 4-93				CHECKED Dan Adams 4-93			
STATE OF CALIFORNIA				DIVISION OF STRUCTURES				BRIDGE NO. 45-61			
DEPARTMENT OF TRANSPORTATION				STRUCTURE DESIGN 4				POST MILE 23.5			
CU 06202				EA 312601				PEOPLES DITCH (WIDEN)			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3				TYPICAL SECTION			
DISREGARD PRINTS BEARING EARLIER REVISION DATES				4-18-93 4-27-93 7-9-93 7-14-93				SHEET 6 OF 8			






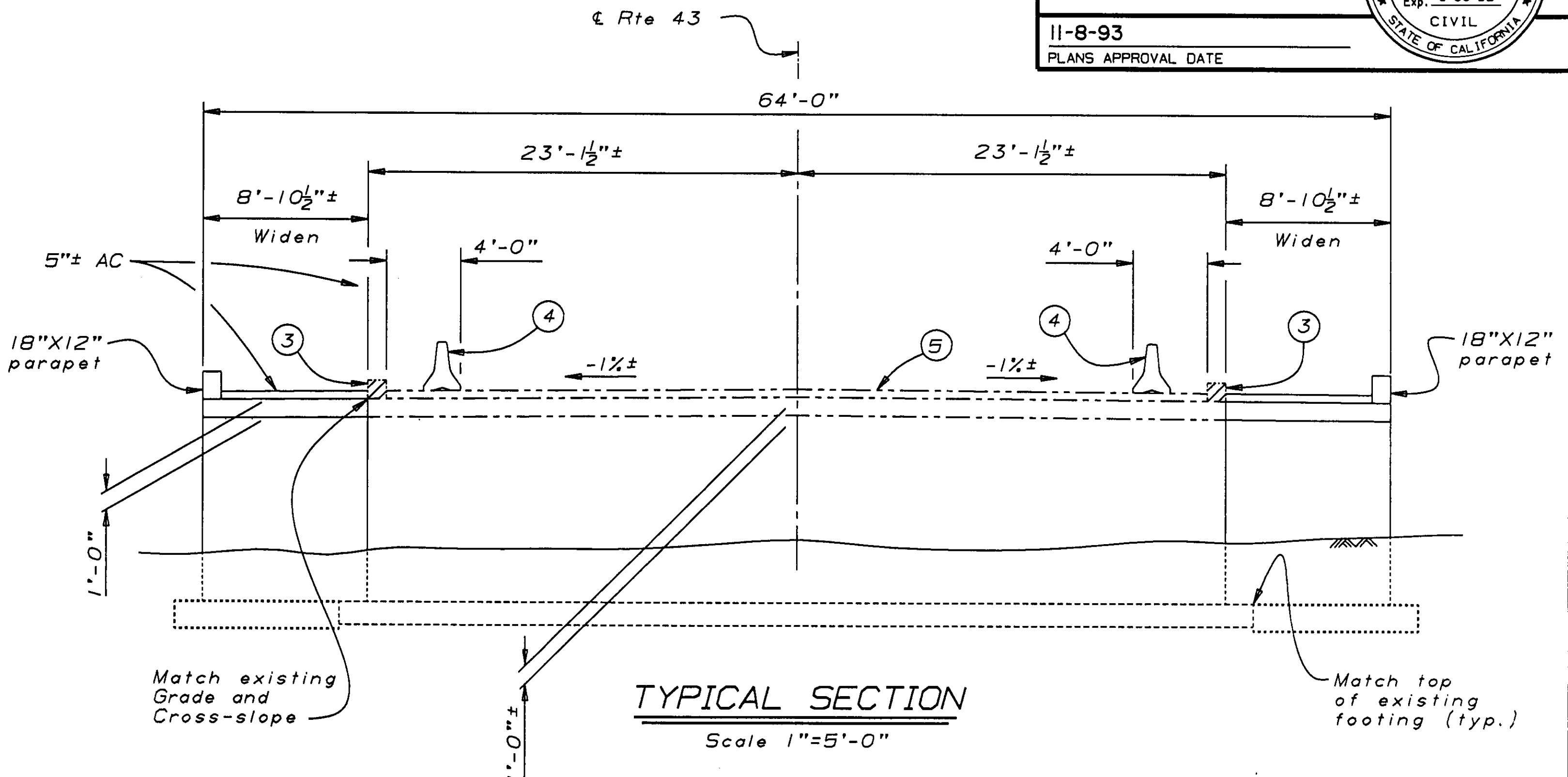
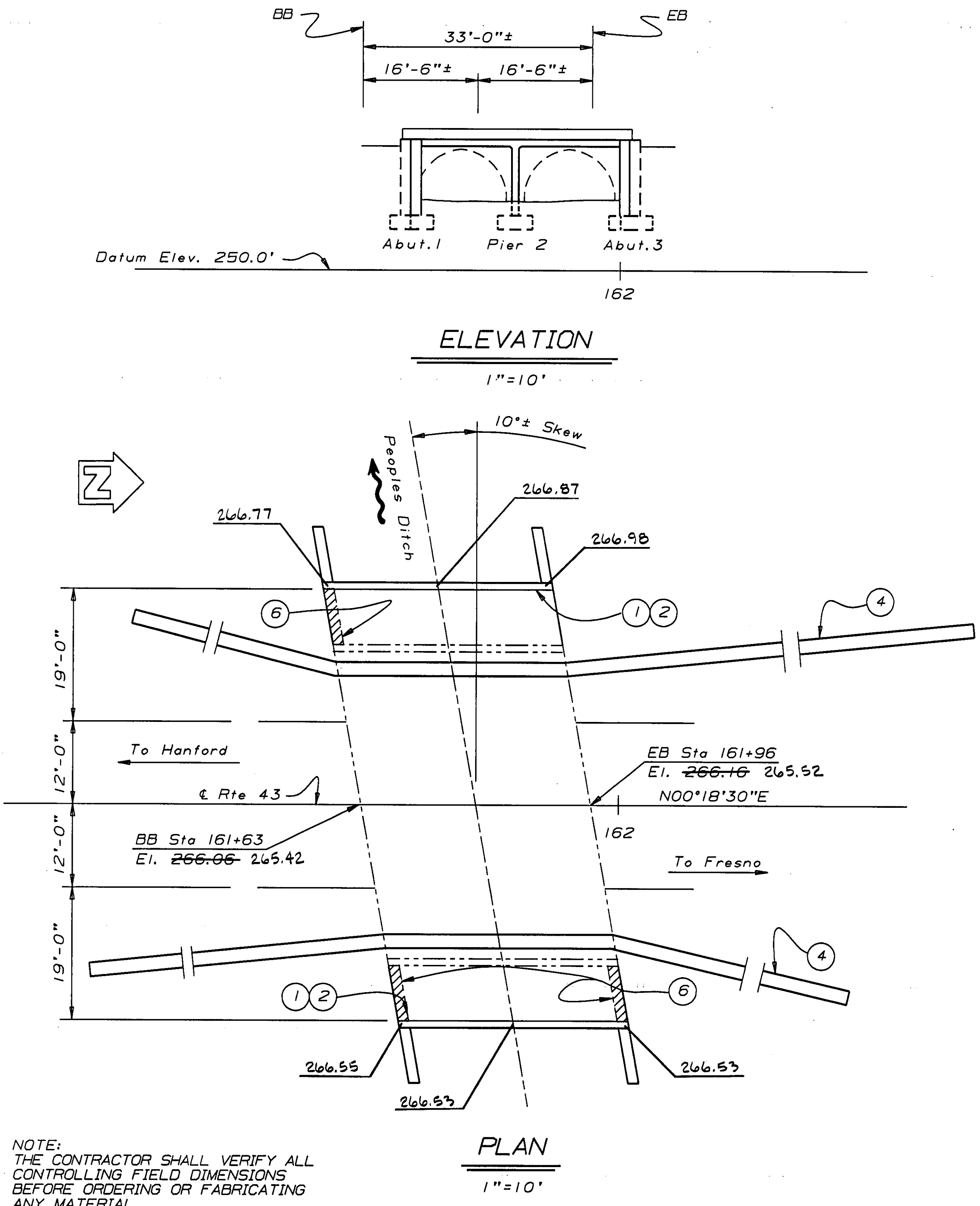
*Daniel T. Adams*  
REGISTERED ENGINEER - CIVIL

11-8-93


PLANS APPROVAL DATE




D.T. Adams  
No. 46476  
Exp. 6-30-95  
CIVIL



- 1 Paint "Peoples Ditch Bridge"
- 2 Paint "Bridge Number 45-61"
- 3 12"± existing parapet to be removed
- 4 Temporary Railing Type K see "Road Plans"
- 5 5"± exist. AC
- 6 Existing Wingwalls to be removed.

 Indicates concrete removal

 Indicates existing structure

## INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN
2	FOUNDATION PLAN
3	ABUTMENT 1 DETAILS
4	ABUTMENT 3 DETAILS
5	PIER DETAILS
6	TYPICAL SECTION
7	SLAB REINFORCEMENT DETAILS
8	LOG OF TEST BORINGS

STANDARD PLANS DATED JULY 1992

B3-1 RETAINING WALL TYPE 1 - H=4'-30'

## AS BUILT

CORRECTIONS BY D. Vallejos

CONTRACT NO. 06-312604

DATE 6/95

ML Graves 10/9/6

M. Ha July 93 DESIGN ENGINEER	DESIGN	BY Helen Pan	1-93	CHECKED Dan Adams	1-93	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD		STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 4	BRIDGE NO.	PEOPLES DITCH BRIDGE (WIDEN)									
	DETAILS	BY Marvin Lane	1-93	CHECKED Helen Pan	1-93	LAYOUT	BY Helen Pan	1-93			CHECKED Dan Adams	1-93	45-61	GENERAL PLAN							
	QUANTITIES	BY Don Stegman	4-93	CHECKED Dan Adams	4-93	SPECIFICATIONS	BY D. Blahut 7-93	PLANS AND SPECS COMPARED			DB 7-93	POST MILE	23.5								
DS OSD 2138 (CADD 4/89)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3		CU 06202 EA 312601		DISREGARD PRINTS BEARING EARLIER REVISION DATES →		REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET OF	
														10-9-92 1-23-93 2-28-93 3-1-93 4-15-93 7-8-93 7-14-93				1 8			



